

October 29, 2004



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Our Reference: 13118-2

## INFORMATION DISCLOSURE STATEMENT

The Commissioner of Patents  
& Trademarks  
Washington, D.C.  
20231, U.S.A.

Dear Sir:

**Re: United States Patent Application Serial No. 10/731,106**  
**For: DIAPHRAGM VALVE HAVING ADJUSTABLE CLOSURE MEANS**  
**Filed: December 10, 2003**  
**Applicant: Kay Balasubramanian**

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In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, applicant hereby submits an Information Disclosure Statement including (1) a listing of patents and other publications of which applicant is aware on form PTO-1449 and (2) a copy of each listed item.

Since all the enclosures are in English an explanation of relevance is neither required nor provided.

In accordance with the requirements of 1.97(b)(1) and (3), this Information Disclosure Statement is filed within three months of the filing date of the Application or before the mailing of the first Office Action on the merits, whichever events occurs last.

Please deduct any additional fees which may be required or remit any excess fees, to our deposit account no. 02-2095.

*Please send all correspondence to the Toronto office:*

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In view of the forgoing, it is respectfully submitted that the Information Disclosure Statement should be considered at this time by the Examiner.

Respectfully submitted,

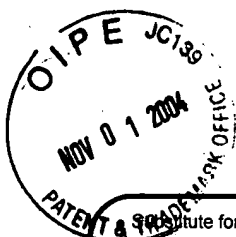
A handwritten signature in cursive script, reading "Meredith Brill", is positioned above a horizontal line.

Meredith Brill

Registration No. 55,763

MB/kw

Encl.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/731,106
				Filing Date	December 10, 2003
				First Named Inventor	Balasubramanian
				Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	1	Attorney Docket Number	13118-2

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 2,540,371	02-06-1951	Jacobsen	
	2	US- 3,250,511	05-10-1966	Priese	
	3	US- 3,565,089	02-23-1971	Thompson	
	4	US- 4,014,514	03-29-1977	Priese	
	5	US- 4,505,451	03-19-1985	Jonas	
	6	US- 4,588,163	05-13-1986	Christensen	
	7	US- 4,968,003	11-06-1990	Danko	
	8	US- 5,377,956	01-03-1995	Muller	
	9	US- 5,823,509	10-20-1998	Daniels	
	10	US- 6,196,523	03-06-2001	Miyata et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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